

DIVISION 700

STRUCTURES

701 PILING

701.01	Description
701.02	Materials
701.03	Preparation for Driving
701.04	Driving
701.05	Length Test Piles and Load Tests
701.06	Steel H Piles
701.07	Cast-In-Place Concrete Piles (Steel Casing)
701.08	Precast Reinforced Concrete Piles
701.09	Precast Prestressed Concrete Piles
701.10	Timber Piles
701.11	Measure
701.12	Payment

702 SUBFOUNDATION WORK MAT CONCRETE

702.01	Description
702.02	Materials
702.03	Construction Requirements
702.04	Measure and Payment

703 CONCRETE FOR STRUCTURES

703.01	Description
703.02	Materials
703.03	Proportioning
703.04	Handling, Measuring and Batching Materials
703.05	Mixing Concrete
703.06	Testing and Acceptance
703.07	Weather Restrictions and Night Work
703.08	Placing Concrete
703.09	Consolidation
703.10	Placing Concrete Behind Stone Masonry
703.11	Depositing Concrete Underwater
703.12	Pumping Concrete
703.13	Construction Joints
703.14	Wood Concrete Forms
703.15	Temporary Steel Bridge Deck Forms
703.16	Falsework and Centering
703.17	Removal of Falsework and Forms
703.18	Curing Concrete Structures
703.19	Finishing Exposed Concrete Structures
703.20	Masonry Bearing Areas and Anchor Bolts

703.21	Bridge Decks and Approach Slabs
703.22	Sidewalk, Median and Curb Finish
703.23	Tolerances
703.24	Concrete Bonding with Epoxy
703.25	Measure and Payment

704 REINFORCING STEEL

704.01	Description
704.02	Materials
704.03	Shop Drawings
704.04	Fabrication
704.05	Protection of Materials
704.06	Placing and Fastening
704.07	Splicing
704.08	Substitutions
704.09	Epoxy Coated Bars
704.10	Measure and Payment

705 PRESTRESSED CONCRETE UNITS

705.01	Description
705.02	Materials
705.03	Equipment
705.04	Concrete Construction
705.05	Pretensioning
705.06	Post-Tensioning
705.07	Transportation and Storage
705.08	Measure and Payment

706 STRUCTURAL STEEL

706.01	Description
706.02	Materials
706.03	Workmanship
706.04	Shop Drawings
706.05	Inspection
706.06	Shop Storage of Material
706.07	Straightening Material
706.08	Flame Cutting
706.09	Bent Plates
706.10	Annealing and Stress Relieving
706.11	Holes for Bolts
706.12	Finishing and Fitting
706.13	Camber
706.14	Shop Assembling
706.15	Pins and Rollers
706.16	Bolts and Bolted Connections
706.17	High-Strength Steel Bolt Connections

706.18	Welding
706.19	Shear Devices
706.20	Painting
706.21	Marking and Shipping
706.22	Bearings and Anchorage
706.23	Erection
706.24	Measure
706.25	Payment

707 PAINTING

707.01	Description
707.02	Materials
707.03	General
707.04	Environmental Protection
707.05	Coating Systems
707.06	Surface Preparation
707.07	General Requirements for Paint Application
707.08	Shop Painting
707.09	Field Painting
707.10	Measure and Payment

708 STONE MASONRY

708.01	General
708.02	Materials
708.03	Working Drawings and Supply
708.04	Samples and Sample Wall
708.05	Classes of Stone Masonry
708.06	Size of Stone
708.07	Finish for Exposed Faces
708.08	Dressing Stone
708.09	Anchors
708.10	Construction Requirements
708.11	Rejection of Stone
708.12	Measure and Payment

709 RAILING

709.01	Description
709.02	Materials
709.03	Fabrication
709.04	Erection
709.05	Measure and Payment

710 BRIDGE DECK DRAINAGE

710.01	Description
710.02	Materials
710.03	Construction Requirements

710.04 Measure and Payment

711 WALL DRAINS AND CLEANOUTS

711.01 Description
711.02 Materials
711.03 Construction Requirements
711.04 Measure and Payment

712 GLAZED CERAMIC TILE

712.01 Description
712.02 Materials
712.03 Construction Requirements
712.04 Measure and Payment

713 STEEL SIGN STRUCTURES

713.01 Description
713.02 Materials
713.03 Mill and Shop Procedures
713.04 Welding
713.05 Transportation and Field Storage
713.06 Erection Methods
713.07 Erection on Existing Structures
713.08 Measure and Payment

714 BRIDGE DECK CONCRETE OVERLAYS

714.01 Description
714.02 Low Slump Concrete Overlay
714.03 Latex Modified Concrete Overlay
714.04 Micro Silica Concrete Overlay
714.05 Measure and Payment

715 REPAIR-REPLACE PCC SUBSTRUCTURE (Two Inches or Less in Depth)

715.01 General
715.02 Materials
715.03 Construction Requirements
715.04 Measure and Payment

716 REPAIR-REPLACE PCC SUBSTRUCTURE (Over Two Inches in Depth)

716.01 General
716.02 Materials
716.03 Construction Requirements
716.04 Measure and Payment

717 ARMORED JOINT WITH NEOPRENE STRIP SEAL

717.01	Description
717.02	Materials
717.03	Shop Drawings
717.04	Fabrication
717.05	Construction Requirements
717.06	Measure and Payment

718 NEOPRENE COMPRESSION SEAL

718.01	Description
718.02	Materials
718.03	Construction Requirements
718.04	Measure and Payment